Supplement of Atmos. Chem. Phys., 20, 15003–15014, 2020
https://doi.org/10.5194/acp-20-15003-2020-supplement
© Author(s) 2020. This work is distributed under the Creative Commons Attribution 4.0 License.

Supplement of

Discrepancies between MICS-Asia III simulation and observation for surface ozone in the marine atmosphere over the northwestern Pacific Asian Rim region

Hajime Akimoto et al.

Correspondence to: Hajime Akimoto (akimoto.hajime@nies.go.jp)

The copyright of individual parts of the supplement might differ from the CC BY 4.0 License.
Fig. S1 Comparison of seasonal variation of O$_3$ at Oki in 2010 between the observation and model simulation by CMAQ v.5.0.2, CMAQ v. 4.7.1 and NAQM v.3.
Fig. S5-1 (a) Mixing Ratios of NO$_2$* by observation, NO$_2$ by NAQM, CMAQ v.5.0.2, and CMAQ v. 4.7.1 at Hedo in July 2010. (b) Same as (a) but for NO.

Fig. S5-2 (supplement) (a) Mixing Ratios NO$_2$ by NAQM, CMAQ v.5.0.2, and CMAQ v. 4.7.1 at Ogasawara in July 2010. (b) Same as (a) but for NO.
Fig. S6-1 Model-calculated net chemical production and net transport of O₃ at Hedo in July 2010 by (a) NAQM, (b) CMAQ 5.0.1 and (c) CMAQ 4.7.1.
Fig. S6-2 Calculated vertical profile of $O_3$ at Oki in June, 2010.